CLAIMS

What is claimed is:

1. A display device comprising a liquid crystal panel consisting of substrates and a liquid crystal placed therebetween, a first polarizer provided on one side of the liquid crystal panel, a light reflector provided on the other side of the liquid crystal panel, and a light diffuser arranged between the liquid crystal panel and the lightreflector,

wherein the light diffuser has forward scattering characteristics, and

wherein a distance between the light diffuser and the light reflector is d (mm) and a haze value of the light diffuser is H (%), and: $H \geq -200d + 140$.

2. A display device according to Claim 1, wherein a color filter is provided between the first polarizer and the lightreflector, the color filter being equipped with a plurality of coloring layers.

3. A display device according to Claim 2, wherein the color filter has red type, green type and blue type coloring layers.

4. A display device according to Claim 1, wherein there is provided between the liquid crystal panel and the light diffuser, a second polarizer for separating incident light according to its polarization component.

5. A display device according to Claim 4, wherein the second polarizer substantially allows light of a first linear polarization component to be transmitted therethrough, and substantially absorbs light of a second linear polarization component that is substantially orthogonal to the first linear polarization component.

6. A display device according to Claim 1, further comprising an illuminating device having a light transmissive light guiding member and a light source capable of introducing light to the light guiding member, the illuminating device being arranged between the light diffuser and the light reflector.

7. A display device according to Claim 6, wherein there is provided between the liquid crystal panel and the illuminating device, a second polarizer for separating incident light according to its polarization component,

wherein there is provided a reflection polarizer which is arranged between the second polarizer and the illuminating device and which substantially allows light of a first linear polarization component to be transmitted therethrough and substantially reflects light of a second linear polarization component that is substantially orthogonal to the first linear polarization component, and

wherein the transmission axis of the reflection polarizer and the transmission axis of the second polarizer substantially coincide with each other.

8. An electronic apparatus equipped with a display device comprising a liquid crystal panel consisting of substrates and a liquid crystal placed therebetween, a first polarizer provided on one side of the liquid crystal panel and adapted to separate incident light according to its polarization component, a light reflector provided on the other side of the liquid crystal panel, and a light diffuser arranged between the liquid crystal panel and the lightreflector,

wherein the light diffuser has forward scattering characteristics, and

wherein a distance between the light diffuser and the light reflector is d (mm), and a haze value of the light diffuser is H (%), and $H \geqq -200d + 140$.